

ABSTRACT OF THE DISCLOSURE

The present invention provides a method of
proliferating a microorganism capable of degrading
a hard-to-degrade organic compound, comprising
5 proliferating at least one microorganism capable of
degrading a hard-to-degrade organic compound selected
from the group consisting of *Janibacter* genus,
Pseudomonas genus, *Rhodococcus* genus, *Desulfomonile*
10 *genus*, *Alcaligenes* genus, *Bacillus* genus, *Streptococcus*
genus, *Acinetobacter* genus, *Achromobacter* genus,
Paracoccus genus, *Rhodobacter* genus, *Rhodobacterium*
15 *genus*, *Methylosinus* genus, *Mycobacterium* genus,
Nitrosomonas genus, *Corynebacterium* genus, and
Methanotrophs, in a culture medium containing both
a substance capable of inducing the degradation
20 capability of the microorganism and Fe ions, under
inorganic conditions. The present invention also
provides a method of degrading a hard-to-degrade
organic compound by using a microorganism capable of
degrading the hard-to-degrade organic compound,
comprising a step of controlling the degradation
capability of the microorganism by adjusting the
concentration of Fe ions in the culture medium.